

University of Utah Wireless Network Committee
May 24, 2006 10:00 AM – 11:00 AM
650 Komas Drive

Wireless Committee Minutes

Attendees: Andrew Goble, Dave Packham, Rob Wineriter, Jon Ross, Hang Wong, Chris Hessing, Dave Hoisve, Nelson Beebe, Pieter Bowman, Steve Adams, Eccles Lib guy, Wes Tolman, Derrick Albright

I. Demonstration of Hotspot.utah.edu Prototype

Hotspot login page. Will clean up the page – just for demo purposes today. Nelson suggests making the webpage put a username character in the Clean Access manager rather than making the user put in an email address – confusing.

- Include information about gNIDs, link to the Guest Account Request form
- Include info about UConnect network and link to the client download page (say that it's slow and restricted)
- Insecure – Unencrypted! Big Red Letters
- AUP will be a separate, linked page – very long, needs to be tight (Xmission style)
- Will create a new hotspot logo
- After agreeing to the AUP, there will be a user agreement spelling out responsibilities

II. Hotspot.utah.edu Discussion

- Committee Response to Hotspot Prototype

Group says bandwidth restriction should be set to 128 K up, 512 K down.
Logout button doesn't work right now.

Secure and hotspots will be living on the same APs – using the same campus bandwidth. Want to encourage regular campus users to use the UConnect (bandwidth unlimited) network and restrict hotspot users. Derrick: should be encryption on any network run by the U.

Task Force funding for wireless **doesn't** require hotspot access in a department. Deployment of the hotspot network access is optional.

Guest accounts are available for use on the UConnect network with unlimited bandwidth. In exceptional cases where it is unfeasible for a group of people to download and install the secure client, ISO or NOC could possibly change hotspot ACLs to allow certain IPs full access. Do we want to pursue this? Later, if at all.

Discussion on clear text uNIDs and passwords being used on campus and on hotspot . . . Dave P suggests putting an IDP on servers for anything that looks like a uNID.

Support – very basic. Connectivity only (to get an IP address). Link to the CHD feedback form for user feedback.

Can disable APs to allow client-to-client talk . . . APs can be enabled so that two stations associated with an AP must go through that AP to talk. Chris thinks it's outside the scope of this committee. Table this discussion – it's more of a legal issue.

- Motion to Approve / Disapprove Prototype (awaiting MPLS tunnel, ISO port-block list, opt-in (or opt-out)) – one objection (Derrick Albright). Eccles guy: statistics on Linux users? Rob & Chris – can't support Linux but instructions are out there. Approval to do one more demo with IP space correct (MPLS – unknown date), ISO port list, and all content done, then take it to ITAC.
- Port Restrictions – need a list from ISO; want to block incoming and allow outgoing. MPLS tunnel will allow everything.
- Legal Issues – Being Handled by Dave Huth – want to determine the U's liability for a hotspot type network . . . Dave Huth is researching this and will report back. The Hospital is doing ADA443 and 384 K bandwidth. No complaints yet. Can do http and https, that's it.
- WLAN Systems for unauthorized SSIDs, whitelist known authorized SSIDs. Lower campus: hard to keep track of all the SSIDs to do the WLAN fix (CoS, CoE). FCC has a dim view of attacking any AP in the 2.4 GHz spectrum. Can shut off certain AP ports. If we can use the WLAN config to protect some of the core space.

III. Committee Business

- Designate Date / Location of Next Meeting: **May 31st, 11:00 am, 650 Komas**
Will discuss the Standards Paper (timelines, configuration for UConnect network, roaming).

Establish a weekly meeting – it can be cancelled if necessary. 650 Komas Board Room is good for parking. Wednesdays at 11:00 am for 90 minutes until the group says different.

Derrick – wants a WIKI (to remove personalities online and allow documentation). Current email list identifies sender.